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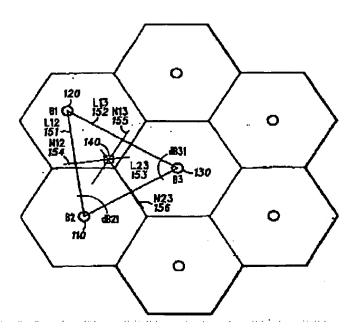
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(54) THE: METHOD AND APPARATUS FOR LOCATION FINDING IN A CDMA SYSTEM

(57) Abstract

A method and appearant for determining the lecanon of a communication unit in a CDMA. system includes in a first embodiment, sending a location request via a spread spectrum signal to the subscriber (140), and receiving in return a subscriber zignal including a response message showing a receive time of a particular symbol of the base's spreading sequence and a transmit time of a particular symbol of the subscriber's spreading sequence. The base (130), along with other receiving base(s) (140), also receives a predetermined symbol of the subscriber spreading sequence, and each detrambes a respective re-ceive time of the predetermined symbol. The received information is then processed, along with known best location and delay information, to determine the subscriber location. If immificient number of bases are capable of communicating with the subscriber, for example due to high loading/interference, musilialry bases (121) are also provided for receiving from or transmitting to the subscriber.



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